Contents

JULY

Stillbirths and Parental Age — CHARLES W. WOOLF — 1

Drug Protection for Fetal Anoxia — ROBERT C. GOODLIN — 9

Arterial and Venous Pressure During Uterine Contraction — JOSEPH WIEDERMAN, MATTHEW FREUND, *and* ALINA WIEDERMAN — 14

Occurrence of Intranuclear Tubular Structures in the Human Endometrium During the Secretory Phase, and of Annulate Lamellae in Hyperestrogenic States — M. ANCLA *and* J. DE BRUX — 23

Pelvic Lymphangiography in Normal and Pathologic States — MICHAEL HOWETT *and* ERNEST A. ELMENDORF — 34

Hysterography in the Diagnosis of Unruptured Ovarian Pregnancy — LEWIS KARL HOBERMAN — 46

Clinical, Histologic, and Cytogenetic Findings in Male Hermaphroditism: III. Male hermaphrodites with asymmetrical gonadal differentiation (mixed gonadal dysgenesis) — PANTELIS A. ZOURLAS *and* HOWARD W. JONES, JR. — 48

Nonadrenal Female Pseudohermaphroditism: An Unusual Case of Fetal Masculinization — L. IFFY, JULIAN S. ANSELL, JEAN S. BRYANT, *and* WALTER L. HERRMANN — 59

Hyaluronidase as an Adjuvant to Episiotomy — JAMES A. O'LEARY *and* SELCUK EREZ — 66

Efficiency of Multiple Biopsy for Cancer Detection During Pregnancy: A Progress Report — EDWARD G. JONES, ALEXANDER VARGA, JOSEPH G. LEFF, CHARLES P. SCHWINN, WILLIAM G. SLATE, JAMES T. WARGIN, *and* WELDON K. BULLOCK — 70

Implications of Teen-Age Pregnancy — JAMES P. SEMMENS — 77

Rapid Intravenous Glucose-Tolerance Test in Obstetrics and Gynecology — ROBERT F. KIRK *and* JAMES H. LEE — 86

Evolution of Dysplasia of the Uterine Cervix and Vagina Induced by Low Dosages of Carcinogen in Mice — YONG H. YANG *and* JAMES S. CAMPBELL — 91

Cystinuria and Bilateral Renal Calculi in Pregnancy: Report of a case — J. R. M. GIBSON — 101

Effect of Isoxsuprine on Fetal Heart Rate and Fetal Electrocardiogram — LEWIS SHENKER — 104

Pregnancy Tests — ELEANOR H. VENNING — 110

Subcapsular Hematoma of the Liver Complicating Pregnancy: Report of a case and review of the literature — ART H. PANAYIS, RAFAEL GARCIA-BUNUEL, *and* SESINANDO CALALANG — 115

Primary Carcinoma of the Uterine Tube — O. VAUGHAN JONES — 122

Rupture of the Umbilical Cord: Report of a case — C. M. BAHARY, M. GABBAI, *and* B. ECKERLING — 130

Hydatidiform Mole with Rupture of the Uterus: Report of a case — ALAN T. C. LEE *and* IRVING SIEGEL — 133

Bulbocavernosus Fat-Pad Transplant — JOHNNIE R. BETSON, JR. — 135

Letters — 142

Editorial — 143

After Office Hours: The Birth of Mohammed — SELCUK EREZ — 146

Book Reviews — 150

AUGUST

Detection of Ovarian Cancer at an Early Stage — RUTH M. GRAHAM, EDMUND F. SCHUELLER, *and* JOHN B. GRAHAM — 151

CONTENTS

Rupture of the Gravid Uterus: An Appraisal
DENIS CAVANAGH, JOAN H. MEMBERY, *and* A. G. W. MC LEOD 157

Liothyronine Suppression of Protein-bound Iodine: A Test for Hyperthyroidism in Pregnancy
SUDARSAN MISRA *and* JOEL I. HAMBURGER 165

Water Intoxication and Sodium Depletion in Surgical Patients
JOSEPH C. SCOTT, JR., JOHN S. WELCH, *and* IRWIN B. BERMAN 168

Bladder Capacity Postpartum and Catheterization
FRED L. BURKHART, ROBERT F. PORGES, *and* CHARLES E. GIBBS 176

Twin Transfusion Syndrome: Report of a case
RICHARD F. MORTON *and* KATHLEEN C. MORTON 180

Placental Morphology in Pathologic Gestations with or Without Toxemia: Observations in cases of diabetes mellitus, hydrops fetalis, twin pregnancy, placenta previa, and hydatidiform mole
MANUEL MAQUEO, JOSE CHAVEZ AZUELA, SAMUEL KARCHMER, *and* JORGE CINCO ARENAS 184

Reconstruction of Vagina after Pelvic Exenteration: Report of a case
M. BALUCANI, A. ESTRADA, E. ROST, *and* F. M. DOUGLASS 192

Paracervical Block Analgesia in Labor
EDWARD O. BROWN, TIBOR ENGEL, *and* R. GORDON DOUGLAS 195

A Rapid Ovarian Hormone and Ovulation Test
DANIEL J. MC SWEENEY *and* ANTHONY J. SBARRA 201

Evaluation of Two Rapid Immunologic Tests for Pregnancy
E. B. MENDEL, SOL HABERMAN, *and* ELAINE ZIMMERMAN 207

An Alkaline Phosphatase Specific to Normal Pregnancy
E. SADOVSKY *and* H. ZUCKERMAN 211

A New Inhibition of Hemagglutination Test for Pregnancy
P. GODTS *and* J. C. A. MIGHORST 215

Genital Fistula: A study based on 197 consecutive cases
ERTUGRUL YENEN *and* CEVAT BABUNA 219

Copper and Copper Oxidase Concentrations in the Blood Serum of Normal Pregnant Women
FRANCISCO BASTOS DE JORGE, DOMINGOS DELASCIO, *and* MARIO LEPOLARD ANTUNES 225

Correlation of Histologic Morphology and Survival in Cervical Cancer Following Radiation Therapy
W. BUDD WENTZ *and* GEORGE C. LEWIS, JR. 228

Amniography for Diagnosis and Management of Fetal Death in Utero
C. R. MC LAIN, JR. 233

Acute Hemorrhagic Pancreatitis in Pregnancy: Report of a fatal case
SEYMOUR H. LIVINGSTON, EDWIN M. GOLD, *and* FRANCISCO NARCISO 237

Blood Volume Variations During Labor and Early Puerperium
JITENDRA R. BHATT 243

Massive Postpartum Hematuria due to Release of Hydronephrosis
W. BENSON HARER, JR., *and* RONALD E. GUNTHER 248

Ovulation Control with Stilbestrol
EDMUND B. MIDDLETON 253

Serum Mucoprotein Levels in Israeli Women During Pregnancy, Labor, and Puerperium
I. NIR, E. SADOVSKY, *and* E. WEISENBERG 258

Breech Delivery with Saddle Block Anesthesia
CARLOS ALBERTO SALVATORE, EUSTACHIO CICIVIZZO, *and* SILVANO TURATTI 261

The Landry-Guillain-Barré Syndrome in Pregnancy: A Review
JEROME H. RUDOLPH, FORBES H. NORRIS, JR., PAUL H. GARVEY, *and* MARY ANNA FRIEDERICH 265

Carcinoma of the Cervix Treated During Pregnancy and Followed by Successful Pregnancy: Report of a case
JOSEPH J. PRICE *and* C. JULES ROMINGER 272

Giant Parovarian Cyst: Report of a case
MICHAEL S. BURNHILL 275

Chemical Salpingitis and Bowel Obstruction Following Soap Injection into the Gravid Uterus: Report of a case with continuation of the pregnancy and delivery of a normal child
C. A. DOUGLAS RINGROSE 277

Possible Etiology of Contralateral Pain in Ectopic Pregnancies
MELVYN BERLIND 280

After Office Hours: Obstetrics in the Tropics
ARIE A. HASPELS 282

Letters 290

Book Reviews 292

CONTENTS

SEPTEMBER

Bleeding after Renal Biopsy in Pregnancy
LIONEL J. SCHEWITZ, IRVING A. FRIEDMAN, *and* VICTOR E. POLLACK 295

Detection of Fetal Life in Early Pregnancy with an Ultrasonic Doppler Flowmeter
WAYNE L. JOHNSON, H. FRED STEGALL, JOHN N. LEIN, *and* ROBERT F. RUSHMER 305

Chromosome Studies in Spontaneous Abortions DAVID H. CARR 308

Cullen's Sign and Endometriosis STANLEY I. HARRIS *and* HARRY L. WACHEN 327

Loss of Compact Bone due to Menopause H. E. MEEMA, M. L. BUNKER, *and* SILVIA MEEMA 333

Torsion of the Normal Pregnant Uterus: Report of a case
ANDREW F. CAUGHEY, JR., J. GILBERTO HIGUERA, *and* REZA MOHAJER 344

Absorbable Collagen Suture in Episiotomy Repair RUSSELL RAMON DE ALVAREZ 346

Evaluation of a new Progestin L. B. CROWSON, B. A. WINER, *and* R. W. NOYES 349

Adenoid Cystic Carcinoma of the Cervix: Report of a case
J. A. MC GEE, C. E. FLOWERS, *and* B. S. TATUM 356

Aplasia of One Umbilical Artery: Incidence by Race and Certain Obstetric Factors
C. H. PECKHAM *and* J. YERUSHALMY 359

Single Umbilical Artery and Congenital Malformations
CONSTANTIN PAPADATOS *and* ANTHONY PASCHOS 367

Degeneration and Calcification of the Umbilical Cord
EUGENE V. D. PERRIN *and* JOHANNA KAHN-VANDER BEL 371

Open-Ligature Emplacement for Correction of Incompetent Cervix During Pregnancy
HARVEY D. LYNN 377

Precocious Pseudopuberty Caused by Ovarian Tumors: Report of 3 cases
KENNETH R. NISWANDER, NORMAN G. COUREY, *and* TREVOR WOODWARD 381

Clinical Application of Placental Scanning Using RISA
RUSSELL K. LAROS, JR., JAMES H. THAIDIGSMAN, *and* HAROLD SCHULMAN 388

Rhabdomyosarcoma of the Ovary: Report of a case HUSHANG PAYAN 393

Bacteriuria in Pregnancy RANDALL F. HIPPLE *and* HAROLD SCHULMAN 396

Transabdominal Fetal Encephalocentesis for Hydrocephalus
WAYNE D. BORING, JR., *and* BERNARD N. NATHANSON 399

Thyroid Storm and Placenta Previa in a Primigravida
KENNETH E. GUENTER *and* GARY A. FRIEDLAND 403

Elective Induction of Labor with Sparteine Sulfate
WILLIAM F. PETERSON *and* KENNETH N. MORESE 408

Anencephaly and Hydrocephaly in a Twin Pregnancy: Report of a case E. M. SYMONDS 414

Management of a Large Ovarian Tumor: Report of a case
ELBERT L. FISHER *and* JOHN H. HEBB 417

A New Contraceptive Aerosol Foam LEONARD H. SHAPIRO 420

Massive Retroperitoneal Hemorrhage: Report of a case
THOMAS F. ABBOTT, PETER J. JULIAN, *and* HERMAN I. KANTOR 424

Postpartum Use of a New Microenema Preparation WILLIAM J. SWEENEY, III 426

Appendiceal Carcinoid Tumors in Pregnancy
JOSE R. BERRIOS, DALE R. DUNNIHOO, CHARLES E. GIBBS, *and* S. FOSTER MOORE 428

Surgical Blood Loss and Preoperative Estrogen in the Premenopausal Patient
CHARLES W. NICKERSON *and* JAMES H. LEE, JR. 432

Spontaneous Rupture of the Liver in Pregnancy: Report of a case and review of the literature E. HAKIM-ELAHI 435

Significance of Infection in Carcinoma of the Cervix JAMES A. WHELTON 441

Letters 447

Editorial 449

After Office Hours: The Sewing Machine Problem, as Seen Through the Pages of *The American Journal of Obstetrics and Diseases of Women and Children*, 1868–1873
CHARLES H. HENDRICKS 453

OCTOBER

Cancer of the Vulva JOHN L. MC KELVEY *and* LEON L. ADCOCK 455

Dysfunctional Bleeding Subsequent to Progestin Therapy ROBERT J. LUBY 467

CONTENTS

Effects of Smoking on Selected Clinical Obstetric Factors
ROBERT L. MC DONALD *and* CECIL F. LANFORD 470
Amniotic Fluid Embolism: A review of the syndrome with a report of 4 cases
WILLIAM S. RUSSELL *and* W. NICHOLSON JONES 476
Splenosis: Report of a case R. F. MAUDSLEY *and* E. M. ROBERTSON 486
Embryologic Studies of Time of Conception in Ectopic Pregnancy and First-Trimester Abortion L. IFFY 490
Complete Form of Testicular Feminization Syndrome: Report of a case with biochemical and psychiatric studies
WILLIAM N. SPELLACY, IRVING C. BERNSTEIN, *and* WILLIAM H. COHEN 499
Chronic Histiocytosis X Associated with Pregnancy
JAMES A. MORRISH *and* JOSEPH F. NEWHALL 504
Pyovesiculosis as a Cause of Chronic Vulvovaginitis: Report of 3 cases
RAYMOND G. BURNETT *and* THOMAS F. PURDON 508
Disseminated Lupus Erythematosus in Pregnancy J. BRUCE COX 511
Fibromyoma of the Uterine Tube HARVEY Z. KLEIN *and* ROBERT L. SMITH 515
Routine Vaginal Smears on Hospital Admission WINIFRED LIU 518
Evaluation of a Sutureless Skin Closure Technic WILLIAM F. PETERSON 520
Television Fluoroscopy in Gynecologic Diagnosis SAMUEL ROZIN *and* ARMIN SCHWARTZ 524
Rupture of the Pregnant Uterus Following Classical Cesarean Section: Report of 3 cases JAMES J. CASSIDY, JR. 531
Therapy in Antepartum Thrombophlebitis UMBERTO VILLASANTA 534
Hydatidiform Mole in a Woman Over 52 Years Old: Report of a case
R. F. MAUDSLEY *and* E. M. ROBERTSON 542
Maternal Dehydroepiandrosterone and Estrogen Production in Late Pregnancy
RICHARD U. HAUSKNECHT 544
Endometriosis of the Pleura STUART L. BEDNOFF *and* B. MILTON GARFINKLE, JR. 549
Relaxant Effect of Diazepam on Uterine Muscle
ROBERT LANDESMAN *and* KATHLEEN H. WILSON 552
Transabdominal Drainage of Hydrocephalus Associated with Breech Presentation: Report of 2 cases JAMES P. JACOBS 557
Vasa Previa: Report of 3 cases FREDERICK NAFTOLIN *and* DANIEL R. MISHELL, JR. 561
Management of Patients with Abnormal Cervical Cytologic Findings During Pregnancy
ELIZABETH MUSSEY *and* DAVID G. DECKER 566
Metastatic Chorioadenoma Destruens with Intestinal Hemorrhage
TOMMY N. EVANS, GEORGE D. ZUIDEMA, DAVID G. ANDERSON, *and* JOSEPH J. BOOKSTEIN 570
Behçets Syndrome: Report of a case and review of the literature M. A. AYERS 575
Effect on the Newborn of Induced Versus Spontaneous Labor JEAN WELLS 580
Attitude of Expectant Mothers in Relation to Onset of Labor DAVID S. KAZZAZ 585
Serious Bleeding Following Vaginal or Abdominal Hysterectomy
ROBERT D. SMITH *and* JOSEPH H. PRATT 592
Ruptured Umbilical Hernia in Pregnancy: Report of a case BRUCE K. YOUNG 596
After Office Hours: R. I. P. ALLAN C. BARNES 599
Book Reviews 601

NOVEMBER

Extent of Endometrial Shedding During Normal Menstruation
CHARLES E. MC LENNAN *and* ALF H. RYDELL 605
Intra-amniotic Hypertonic Solutions for Induction of Labor
ALLAN B. WEINGOLD, STUART SEIGAL, *and* MARTIN L. STONE 622
Obstetric Influences on the Premature Infant's First Year of Development: A report from The Collaborative Study of Cerebral Palsy
EDWARD H. BISHOP, S. LEON ISRAEL, *and* CLARENCE C. BRISCOE 628
Diagnosis of Enterocele by Negative Intrarectal Transillumination ALBERT ALTCHEK 636
Idiopathic Pruritus and/or Jaundice of Pregnancy: Report of 3 cases
A. S. COURPAS *and* A. H. DUDLEY, JR. 640

CONTENTS

Effects of Dextropropoxyphene Hydrochloride upon Contractility of the Intact Human Gravid Uterus
RICHARD W. STANDER, JOSEPH F. THOMPSON, CHARLES W. TODD, JR., JAMES L. STRIBLING, *and* CHARLES E. WERTS 645

Splenosis in Gynecologic Surgery MARVIN S. AMSTEY *and* RICHARD E. FULLERTON 653

Histologic Observations on the Effect of 17-alpha-Hydroxyprogesterone-17-n Caproate on Endometrial Carcinoma ALEXANDER VARGA *and* ERLE HENRIKSEN 656

A Microbiologic Survey at Cesarean Section
HELEN WALSH, RICHARD J. HILDEBRANT, *and* HARRY PRYSTOWSKY 665

Functioning Tumors of the Ovary in Women under 40
GEORGE D. MALKASIAN, JR., MACLCOLM B. DOCKERTY, ROBERT B. WILSON, *and* JOHN E. FABER 669

Puerperal Ovarian Thrombophlebitis JOHN M. O'LANE *and* THOMAS B. LEBHERZ 676

Comparative Study of Intrauterine Contraceptive Devices
HANS LEHFELDT, ERNEST W. KULKA, *and* H. GEORGE LIEBMANN 679

Postirradiation Sarcomas of the Uterus HENRY J. NORRIS *and* HERBERT B. TAYLOR 689

Maternal Blood Group and Fetal Wastage in Pregnant Diabetics
JAMES A. O'LEARY *and* VINCENT J. FREDA 695

Anemia in the Newborn due to Transplacental Fetal Hemorrhage
G. TURCHETTI, R. PALAGI, *and* E. LATTANZI 698

Extrauterine Pregnancy: Statistical Review of 160 Cases
WALDO L. FIELDING, RICHARD K. KENNEDY, *and* RICHARD W. GILLIES 702

Nongestational Choriocarcinoma of the Ovary: Report of a case QUENTIN C. DE HAAN 708

Posttraumatic Intrauterine Synechiae and Pregnancy LARS FORSSMAN 710

Dystonic Reactions to Phenothiazine Drugs HARLAN J. FAILOR *and* MERRILL W. HUFFMAN 714

Heterotopic Pregnancy after Homolateral Salpingo-oophorectomy: Report of a case
ALBERT ROTHMAN *and* JOSEPH SHAPIRO 718

Primary Ovarian Hydatidiform Mole: Report of a case
ERTUGRUL YENEN, FAZIL AHMET INANC, *and* CEVAT BABUNA 721

Cervical Carcinoma in Situ: A study of 144 patients B. L. PEDERSON *and* F. W. JEFFRIES 725

Sarcoma Botryodies of the Cervix Uteri: Report of a case in an adult with survival
FRANK F. SCHADE 731

Experiences With Lumbar Epidural Block GORDON T. COWLES 734

Fetal Electroencephalography During Birth MORTIMER G. ROSEN *and* RICHARD SATRAN 740

Culdoscopic Findings in Primary Dysmenorrhea W. Z. POLISHUK *and* M. SHARF 746

Invasive Carcinoma of the Vulva and Pregnancy: Report of 2 cases
ROGER D. KEMPERS *and* RICHARD E. SYMMONDS 749

Urinary-Tract Infections in Gynecologic Disease
DOUGLAS J. MARCHANT *and* GEORGE W. MITCHELL, JR. 752

Recurrent Dermoid Cysts of the Ovary: Report of 2 cases
TIBOR ENGEL, ARTHUR V. GREELEY, *and* WILLIAM J. SWEENEY, III 757

Pregnancy and Progeny after Use of Progestin-like Substances for Contraception
A. LAWRENCE BANKS, ROBERT N. RUTHERFORD, *and* W. A. COBURN 760

Unruptured Bilateral Tubal Pregnancy: Report of a case E. HAKIM-ELAHI 763

Review of 12 Deaths Occurring in Abortion with Endotoxin Shock
RICHARD H. SCHWARTZ *and* JOHN P. EMICH 767

After Office Hours: The Semantics of "Operability" ALBERT ALTCHEK 770

Book Reviews 772

DECEMBER

Au Revoir RALPH A. REIS 773

Smoking and Prematurity: A preliminary report based on study of 7740 Caucasians
WILLIAM F. PETERSON, KENNETH N. MORESE, *and* D. FRANK KALTREIDER 775

Endometriosis Presenting as an Acute Abdominal Emergency IRA M. GOLDITCH 780

The Rectosigmoid Urinary Reservoir with Anterior Pelvic Extenterations: An Evaluation PAUL A. JENSEN *and* RICHARD E. SYMMONDS 786

CONTENTS

Acute Fatty Metamorphosis of the Liver in Pregnancy with Associated Liver Cell Necrosis — BERNARD CZERNOBILSKY *and* MANUEL A. BERGNES — 792

Hypernatremia Complicating Induction of labor — VISITH SITPRIJA, SRISUDA SITPRIJA, *and* CHANYO BENYAJATI — 799

Intrauterine Transfusion Complicated by Amnionitis and Maternal Peritonitis: Report of a case — ROBERT C. GOODLIN — 803

Genitourinary and Intestinal Duplication: Case report and survey of the literature — JAMES L. BREEN *and* C. RICHARD WEINBERG — 804

Recurrent Pseudotumor Cerebri in Pregnancy: Report of 2 cases — CHARLES W. NICKERSON *and* ROBERT F. KIRK — 811

Conservative Surgical Management of Chorioadenoma Destruens — ROBERT B. WILSON, CLAYTON T. BEECHAM, *and* RICHARD E. SYMMONDS — 814

A Surgical Approach to Endometrial Sarcoma: Left inferior pulmonary lobectomy for metastases 8½ years after anterior pelvic exenteration — HUGH R. K. BARBER *and* ALEXANDER BRUNSCHWIG — 821

Bilirubin-Protein Ratio in Amniotic Fluid as an Index of the Severity of Erythroblastosis Fetalis — SHELDON H. CHERRY, SHAUL KOCHWA, *and* RICHARD E. ROSENFIELD — 826

Intrapartum Infections—A Clinical and Bacteriological Study — K. BHASKER RAO, D. V. RAMAMURTHI, *and* G. VIMALA — 833

Obstetric and Gynecologic Thermography — J. GERSHON-COHEN, J. D. HABERMAN-BRUESCHKE, *and* E. E. BRUESCHKE — 842

Massive Fetal Hemorrhage into the Maternal Circulation — UWE E. FREESE — 848

Relief of the Emotional Factor in Labor with Parenterally Administered Diazepam — FRANK BEPKO, ERNEST LOWE, *and* BENNY WAXMAN — 852

Cesarean Hysterectomy: Combined Section and Sterilization — SIMON V. WARD *and* A. HORTON SMITH — 858

Unilateral Tubal Twin Pregnancy: Report of a case — PAUL L. LEWIS — 864

Microinvasive Carcinoma of the Cervix — JOHN C. ULLERY, JOHN G. BOUTSELIS, *and* ANDREW C. BOTSCHNER — 866

Effects of Sparteine Sulfate on Isometric Tension of Isolated Preparations of Human Myometrium — RICHARD W. STANDER — 876

Lithopedion: Report of 2 unusual cases — ROBERT O. SCHOFFSTALL *and* EMERSON F. FACKLER — 884

Eclampsia: Survival after 55 Convulsions: Report of a case — WILLIAM F. MENGERT *and* JOSEPH H. CLEVENGER — 887

Improved Fetal Salvage in Eclampsia — FREDERICK P. ZUSPAN *and* MARY CAROLYN WARD — 893

Transpubic Urethropexy—Ultimate Cure for Stress Incontinence of Urine? — PETER TERZIAN — 898

Urethral-Hymeneal Fusion: A Surgically Correctable Cause of Recurrent Cystitis — RICHARD CLARK HIRSCHHORN — 903

Significance of Lymphocytic Pools in the Routine Vaginal Smear — RUPERTO F. COLMENARES *and* ZUHER M. NAIB — 909

Endolymphatic Stromal Myosis: Report of a case — HARRY M. NELSON *and* JAMES R. HAGERTY — 913

Letters — 916

Editorial — 918

After Office Hours: The Role of the Obstetrician-Gynecologist Within the Family — S. LEON ISRAEL — 920

Book Reviews — 924

Indexes

Authors — 927

Subjects and Titles — 933